YES, I HAVE ACTUALLY BUILT MY 26-NODE STRUCTURE AND THE
GROUP IS CORRECT.  THE WEATERVANES CAN BE FIT TOGETHER
BECAUSE THE TRIANGULAR PERIMETER HAS A PATTERN LIKE
[C.X.C.X.C.X.] - THAT IS, EACH EDGE OF THE TRIANGLE
READS C-X-C.  THUS THERE IS NO CONFLICT IN
ASSEMBLING THEM.  THE "HANDEDNESS" OF THE FACES
DERIVES NOT FROM THE PERIMETER OF THE FACES
BUT FROM THE INTERNAL PORTION.  IF THE TETRAHEDRON
IS DRAWN IN THE PLANAR REPRESENTATION, THEN
YOU CAN ORIENT THE FACES PROPERLY BY GIVING EACH
SMALL INNER TRIANGLE A CLOCKWISE ORIENTATION,
AND GIVING THE LARGE OUTER TRIANGLE A COUNTERCLOCKWISE
ORIENTATION.  I SEE NOW WHAT THE SOURCE OF THE
CONFUSION MIGHT BE - I SAID THAT THE PINWHEELS
"FIGHT EACH OTHERS CURRENT" AT EVERY EDGE, BUT
I DIDN'T MEAN THAT THE HANDEDNESS WAS DIFFERENT.
IF THE TETRAHEDRON IS A SOLID OBJECT, EACH FACE
IS PAINTED WITH THE SAME HANDEDNESS.  OF COURSE,
THIS IS EXACTLY THE IDEA YOU PRESENTED, EXCEPT
THAT THE CHIRALITY OF EACH NODE OF THE TETRAHEDRON
DERIVES FROM THE OPPOSING FACE.

RAY